

ABSTRACT OF THE DISCLOSURE

A method and system for associating a switched virtual circuit (SVC) connection request from an access port in an asynchronous transfer mode (ATM) network to a subscriber and optionally registering an address of the access port in relation to the subscriber. The method and system include receiving a signaling protocol message requesting the SVC connection from the access port, determining whether the signaling protocol message contains subscriber authentication data and, when authenticated, establishing the SVC connection. Furthermore, the SVC connection may be established only if service policies corresponding to the subscriber retrieved from a database indicate that the subscriber is entitled to make SVC connections. The method and system further include registering an address of the access port in the ATM network by substituting the address of the access port for an original subscriber address.